

Electronic cable

LiYY EB (intrinsic safe)



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: For signal transmission between electronic devices, in computer systems, process control units or office equipment. Due to the blue outer sheath the cable is suitable for application in intrinsically safe circuits.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	PVC
Sheathing material:	PVC
Colour of outer sheath:	blue
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Permitted outer cable temperature, fixed, °C:	-30 - +80 °C
Permitted outer cable temperature, moved, °C:	5 - 70 °C
Insulation resistance:	100 MOhm \times km
Specific inductivity:	0.7 mH/km



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

LiYY/EB

Maximum operating capacity:	120 nF/km
Test voltage:	1.2 kV
Core identification:	numbers
peak operating voltage, V:	250 V

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
031654	02X0.75	26	12	5.9	14.4	43
030661	03X0.75	26	12	6	21.6	61
033122	04X0.75	26	12	6.2	29.4	74
033123	05X0.75	26	12	6.9	37	89
033124	08X0.75	26	12	8.9	58	130
033125	12X0.75	26	12	10.1	88.2	191
033126	18X0.75	26	12	12	132.3	270

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
033127	30X0.75	26	12	15.5	215	448
033128	34X0.75	26	12	16.4	245	510
033129	41X0.75	26	12	17.6	298	607
033130	02X1	19.5	19	5.8	20	58
033131	03X1	19.5	19	6.3	30	75
032864	04X1	19.5	19	6.6	38	86
033132	05X1	19.5	19	7.3	48	111
032944	07X1	19.5	19	8.6	69.1	143
033133	12X1	19.5	19	10.7	118.4	240
033134	18X1	19.5	19	12.8	178	341
033135	02X1.5	13.3	24	6.6	29	86
031421	03X1.5	13.3	24	6.6	43.2	99
030778	04X1.5	13.3	24	7.1	57.6	125
033136	05X1.5	13.3	24	8.3	72	152
033137	07X1.5	13.3	24	9.8	101	190
033138	12X1.5	13.3	24	12.3	173	310
033139	18X1.5	13.3	24	14.7	259.2	430
033140	25X1.5	13.3	24	17.8	360	560
033141	30X1.5	13.3	24	20	440	842
033142	03X2.5	7.98	32	8.3	72	148
033143	04X2.5	7.98	32	9.1	96	178
033144	05X2.5	7.98	32	10.2	120	221

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000